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DOWNHOLE MEASUREMENT APPARATUS AND TECHNIQUE ABSTRACT OF THE DISCLOSURE

A system that is usable with a subterranean well that has a casing includes an apparatus that is associated with production of fluid from the well and is located downhole in the well in a passageway of the casing. The system also includes a sensor that is located downhole near the apparatus in the passageway and is adapted to measure a characteristic of the formation fluids and rock located outside of the casing.